

ANONYMOUS AUTHENTICATED COMMUNICATIONS

ABSTRACT OF THE DISCLOSURE

5 A method of performing electronic communications between members of a group wherein the
communications are authenticated as being from a member of the group and have not been altered,
comprising: generating a plurality of random numbers; distributing in a digital medium the plurality of
random numbers to the members of the group; publishing a hash value of contents of the digital medium;
distributing to the members of the group public-key-encrypted messages each containing a same token
comprising a random number; and encrypting a message with a key generated from the token and the
10 plurality of random numbers.